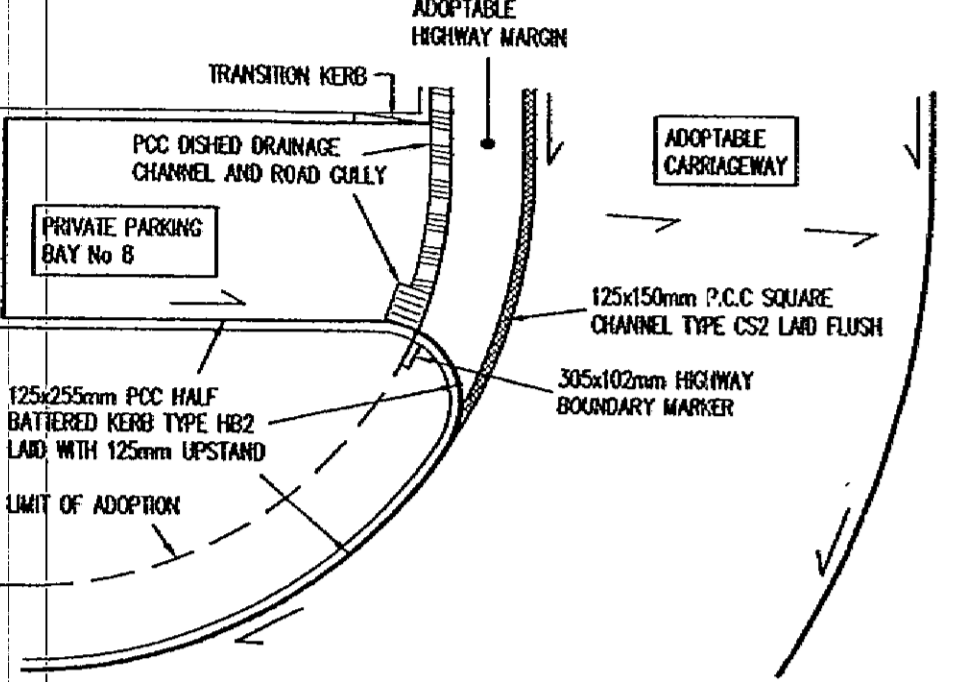
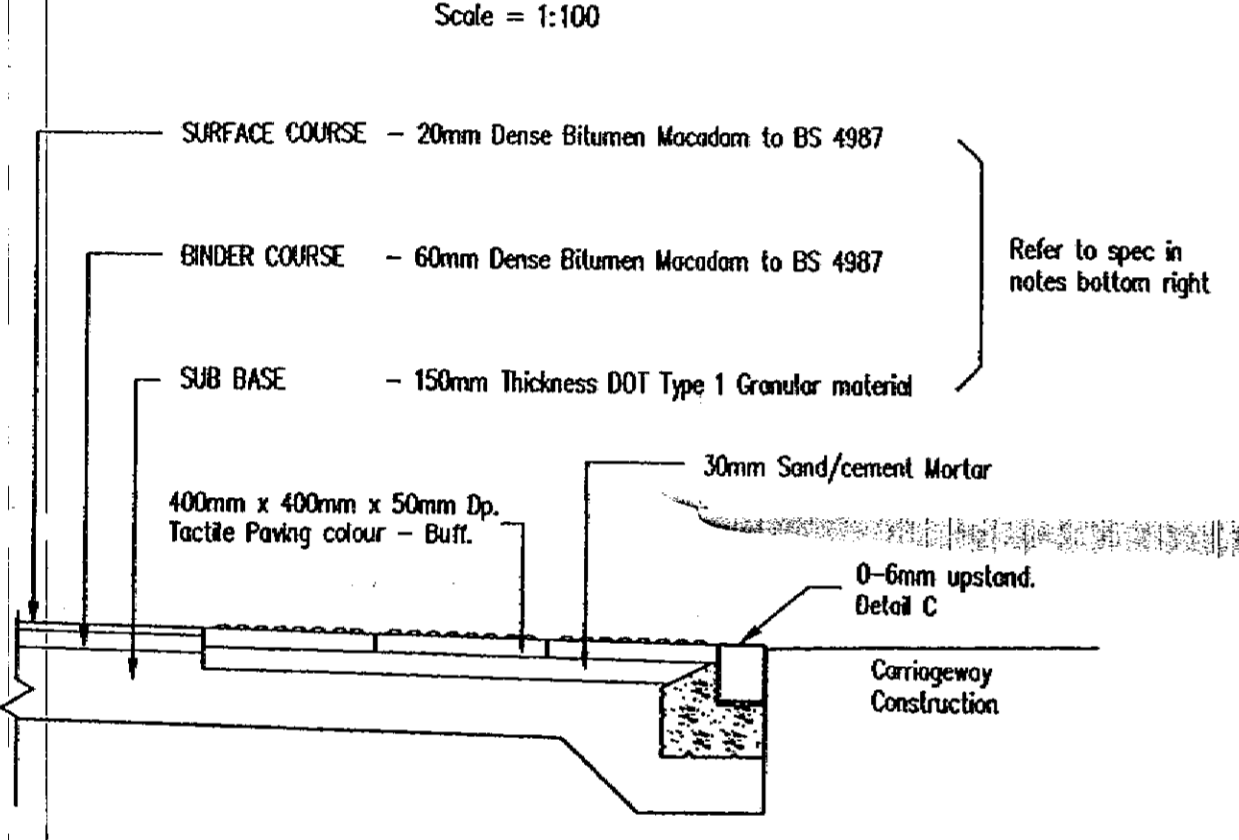


ALL KERB AND EDGING DETAIL TO BE STRICTLY IN ACCORDANCE WITH 'ROADS IN HERTFORDSHIRE - A GUIDE FOR NEW DEVELOPMENTS' SECTION 3 PART 1 CHAPTER 9 CLAUSE 1 AND 2 (3-1-9.1 & 3-1-9.2).

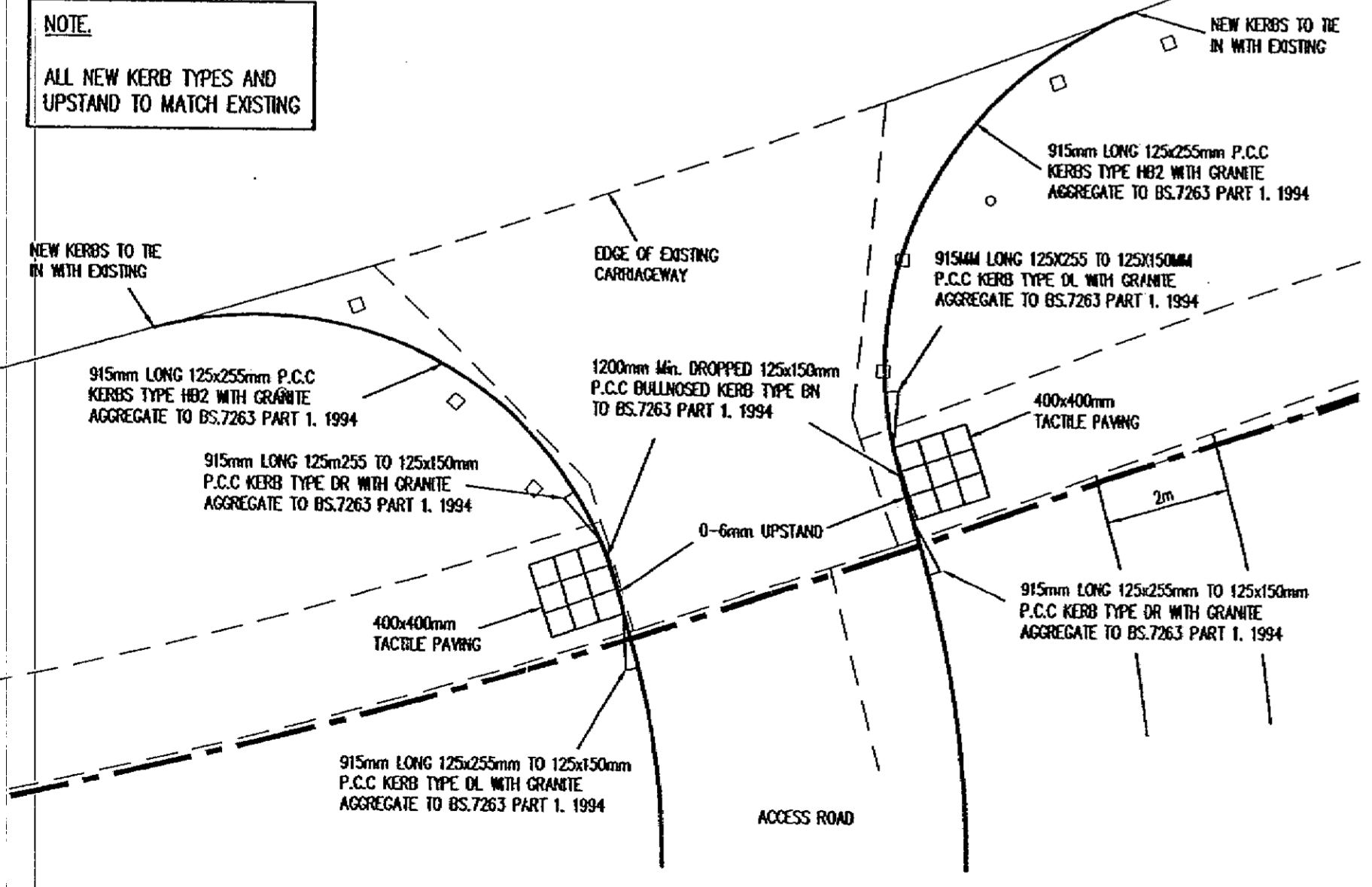


Typical Plan on Adoptable Carriageway / Private Parking Bay kerb Intersection
Scale = 1:100

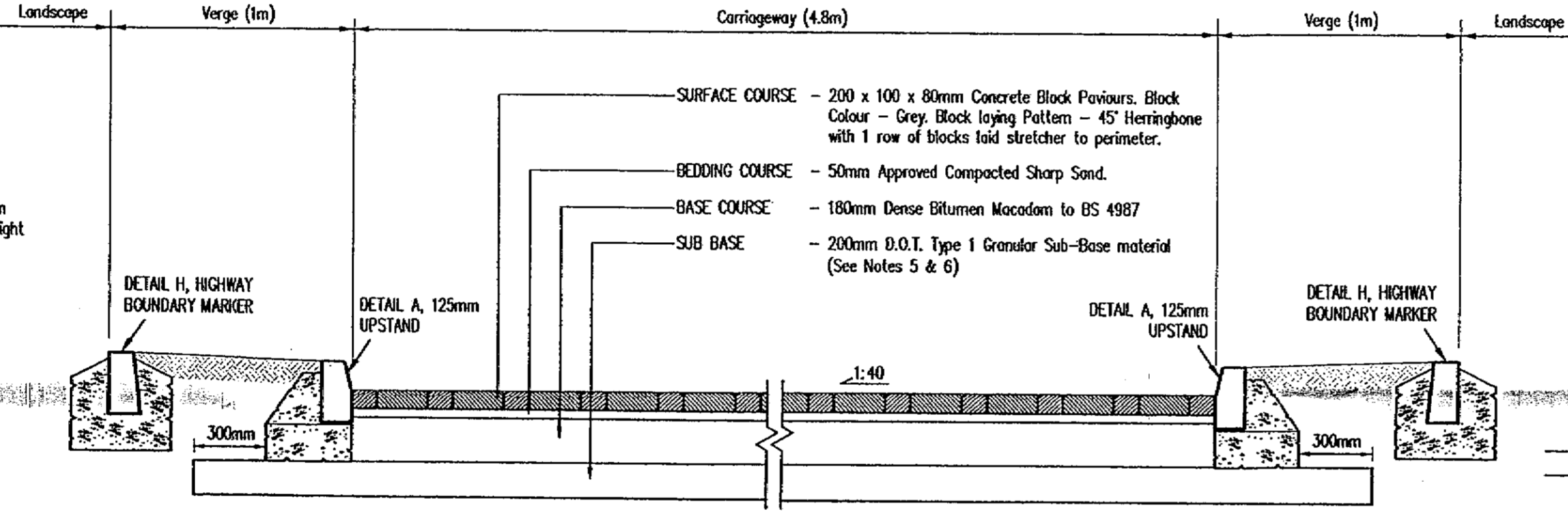


Typical Section Through Pedestrian Crossing Point
SCALE 1:20

NOTE
ALL NEW KERB TYPES AND UPSTAND TO MATCH EXISTING

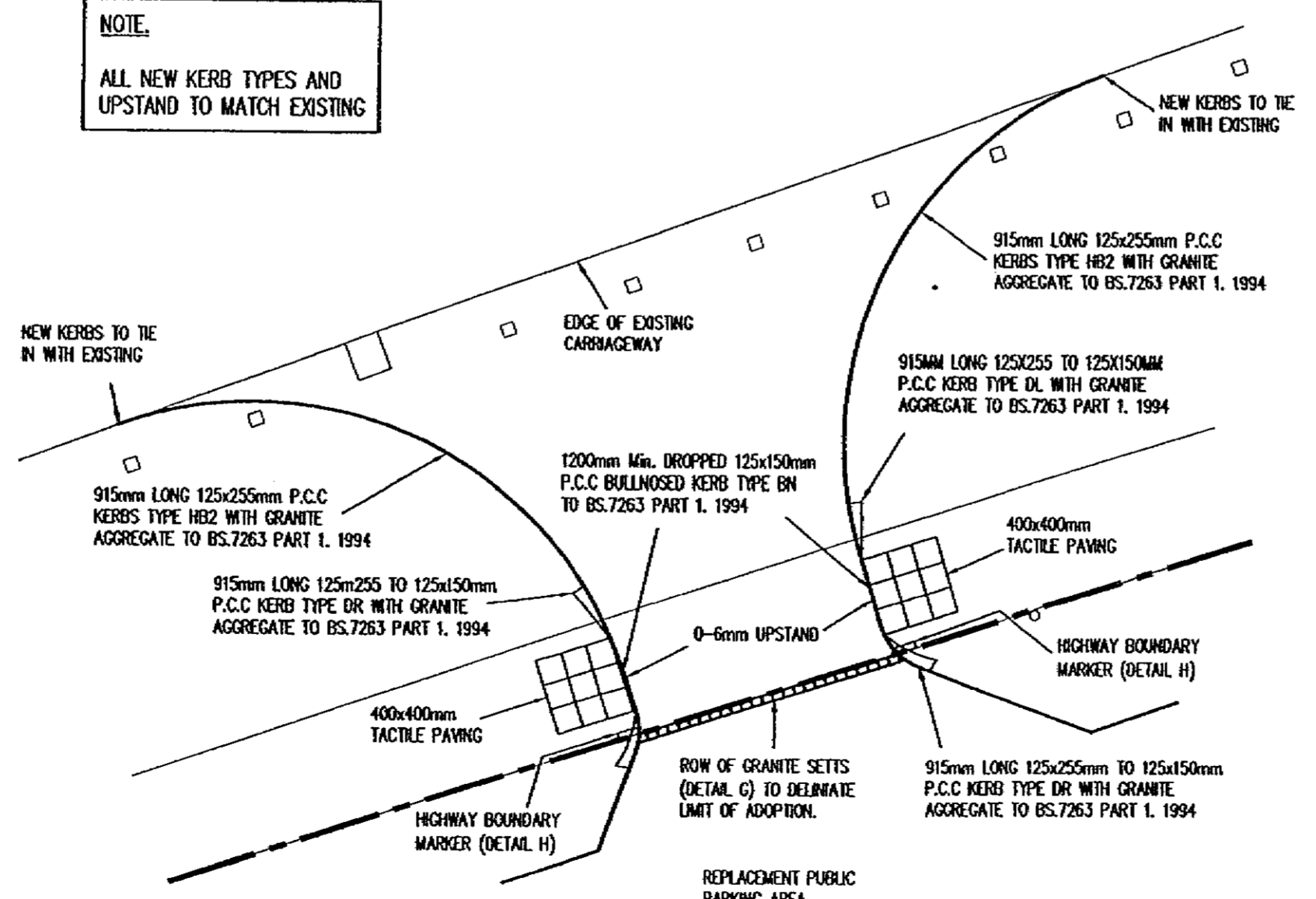


Typical Plan on Pedestrian Crossing to Site Access / Egress
Scale = 1:100

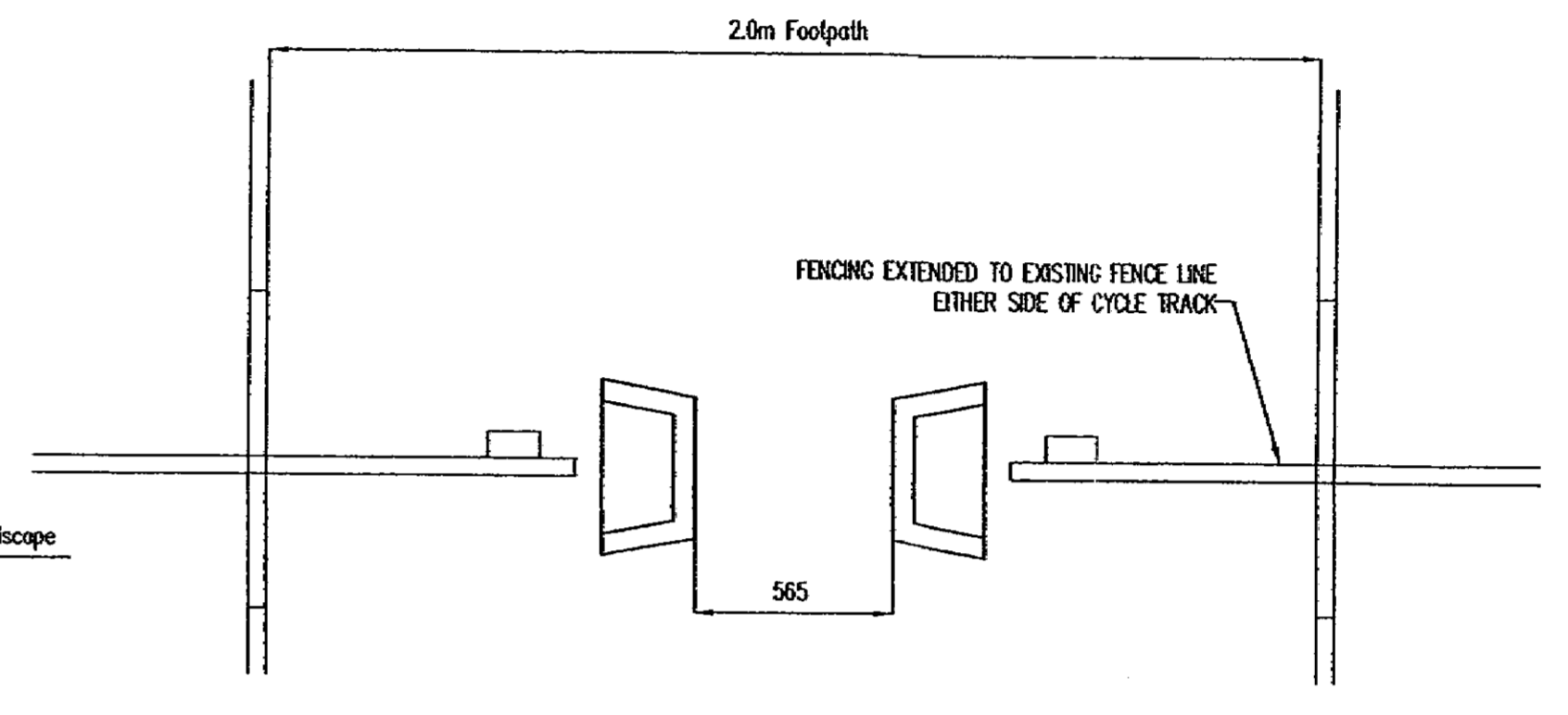


Section K-K
SCALE 1:20

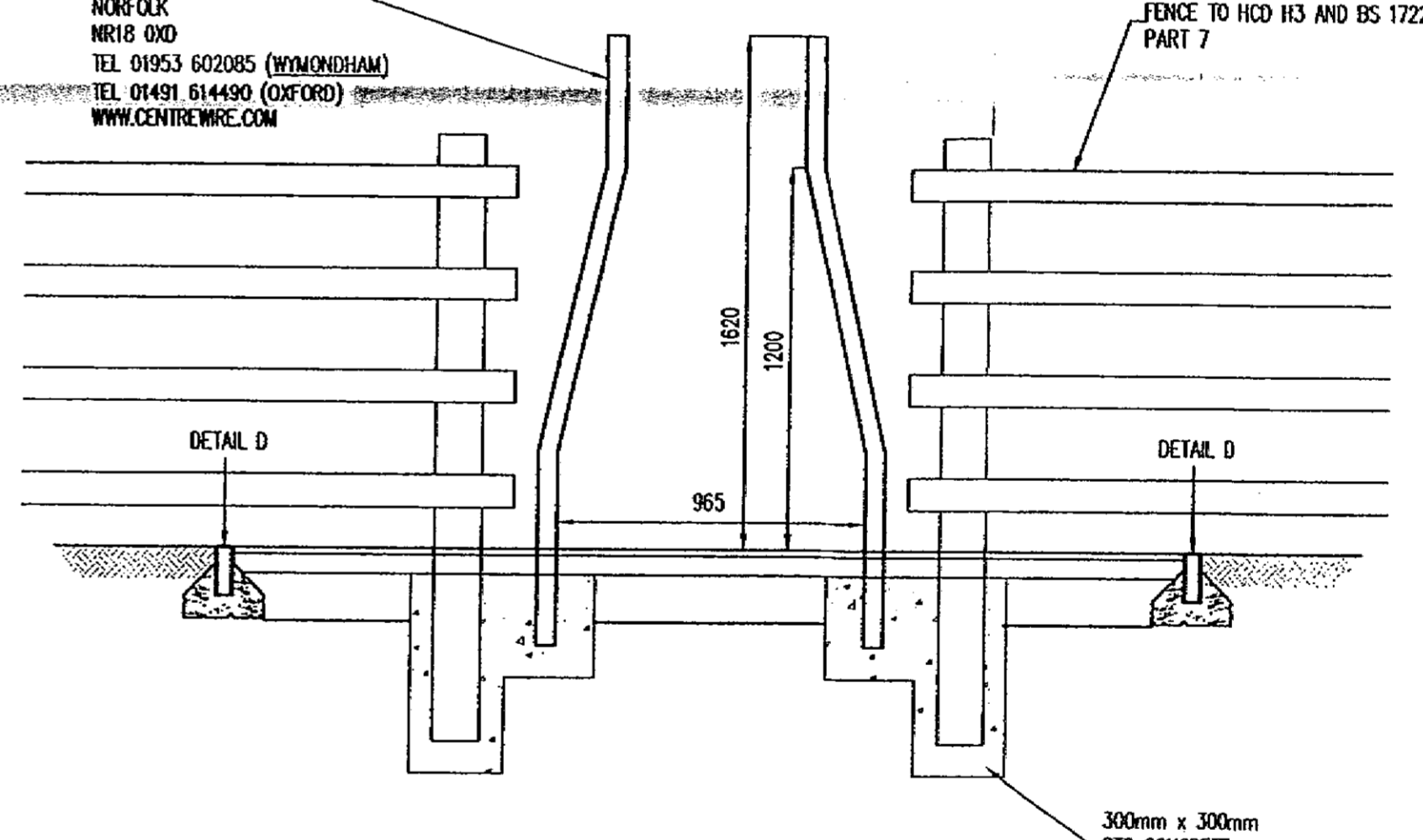
NOTE
ALL NEW KERB TYPES AND UPSTAND TO MATCH EXISTING



Typical Plan on Pedestrian Crossing to Replacement Public Parking Area Access / Egress
Scale = 1:100

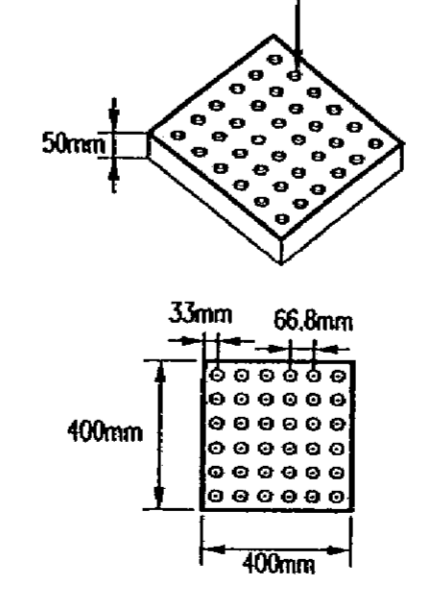


CENTREWIRE MOTORBIKE INHIBITOR MADE FROM 60.3MM DIAMETER GALVANISED STEEL TUBING. SUPPLIERS ADDRESS:
CENTREWIRE LIMITED
PO BOX 11
WINDYHAM
WORCESTER
WR18 0XD
TEL 01953 602085 (WYOMONDHAM)
TEL 01491 614490 (OXFORD)
WWW.CENTREWIRE.COM



Motorbike Inhibitor Detail
SCALE 1:20

BUSTERS SHALL BE 25mm DIA APPROX. AND 5mm ± 0.5mm HIGH



Pedestrian Crossing Blister Tactile Paving
SCALE = 1:20

NOTE
TACTILE PAVING SHALL BE BUFF IN COLOUR.

FOOTPATH MATERIAL SPECIFICATION

SUB BASE - SUB BASE MATERIAL SHALL BE CRUSHED ROCK, CRUSHED SLAG, CRUSHED CONCRETE OR WELL BURNT NON PLASTIC SHALE IN ACCORDANCE WITH THE GRADING LIMITS OF DOT SPECIFICATION FOR HIGHWAY WORKS CLAUSE 803. THE MATERIAL / LAYING / COMPACTION SHALL BE IN ACCORDANCE WITH HERTFORDSHIRE DESIGN GUIDE SECTION 3, PART 1, CHAPTER 8 G 8.1-8.17.

BINDER COURSE - DENSE BITUMEN MACADAM BINDER COURSE TO BS4987 2003 PART 1 CLAUSE 6.5, 60mm COMPACTED THICKNESS, 20mm NOMINAL SIZE AGGREGATE, 40/60 PEN BINDER WITH NO FLUXING NOR CUT BACK PERMITTED. THE MATERIAL / LAYING / COMPACTION SHALL BE IN ACCORDANCE WITH HERTFORDSHIRE DESIGN GUIDE SECTION 3, PART 1, CHAPTER 8 G 8.1-8.17.

SURFACE COURSE - DENSE BITUMEN MACADAM SURFACE COURSE TO BS4987 2003 PART 1 CLAUSE 7.5, 20mm COMPACTED THICKNESS, 6mm NOMINAL SIZE AGGREGATE, 100/150 PEN BINDER WITH NO FLUXING NOR CUT BACK PERMITTED. THE MATERIAL / LAYING / COMPACTION SHALL BE IN ACCORDANCE WITH HERTFORDSHIRE DESIGN GUIDE SECTION 3, PART 1, CHAPTER 8 G 8.1-8.17.

- NOTES**
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEER'S DRAWINGS. ANY DISCREPANCIES FOUND BETWEEN INFORMATION SHOWN ON THIS OR ANY OTHER DRAWING SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY AND PRIOR TO ANY WORKS COMMENCING ON SITE.
 2. IT IS THE DEVELOPERS RESPONSIBILITY TO ENSURE THAT ALL SERVICES THAT ARE LIKELY TO BE AFFECTED BY THE PROPOSED WORKS ARE LOCATED PRIOR TO WORKS COMMENCING. TRIAL HOLES ARE TO BE DUG IF NECESSARY, WHERE NECESSARY SERVICE MAINS SHALL BE DIVERTED STRICTLY IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT UNDERTAKER.
 3. ALL CONCRETE AT OR BELOW GROUND LEVEL ON SITE SHALL BE ABLE TO WITHSTAND CLASS DS-1 / AC-1 SULPHATE CONCENTRATIONS IN ACCORDANCE WITH THE BRE DIGEST 363.
 4. THE CARRIAGEWAY SUB GRADE SHALL BE PROOF ROLLED. ANY SOFT SPOTS FOUND SHALL BE REPLACED WITH CAPPING MATERIAL AND COMPACTED IN LAYERS IN ACCORDANCE WITH DOT SPECIFICATION FOR HIGHWAY WORKS. FORMATION SHALL BE INSPECTED PRIOR TO LAYING CAPPING / SUB-BASE AND ANY BRICK OR MATERIAL LIKELY TO DECOMPOSE REMOVED AND FORMATION SPRAYED WITH AN APPROVED WEED KILLER IN ACCORDANCE WITH 'ROADS IN HERTFORDSHIRE - A GUIDE FOR NEW DEVELOPMENTS' SECTION 3 PART 1 CHAPTER 9 CLAUSE 4 (3-1-9.4).
 5. THE SUB BASE THICKNESS SHOWN ARE BASED UPON A CBR VALUE OF 20% AS DESCRIBED IN IAN FARMER ASSOCIATED GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATION REPORT Ref. 5831 APRIL 2004.
 6. CONTRACTOR TO UNDERTAKE IN-SITU CBR TESTS AT CARRIAGEWAY SUB-BASE LEVELS AND THE RESULTS REPORTED TO THE ENGINEER IMMEDIATELY. SHOULD TO CBR VALUE VARY FROM 20% THEN THE SUB-BASE LAYER REQUIREMENTS SHALL BE ADJUSTED. (SEE TABLE BELOW)
 7. ALL ADAPTABLE ROAD WORKS SHALL BE UNDERTAKEN STRICTLY IN ACCORDANCE WITH THE HERTFORDSHIRE COUNTY COUNCIL PUBLICATION ENTITLED 'ROADS IN HERTFORDSHIRE - A GUIDE FOR NEW DEVELOPMENTS'. IT IS THE CONTRACTORS RESPONSIBILITY TO OBTAIN A COPY OF THIS DOCUMENT.

CARRIAGEWAY SUB BASE/CAPPING LAYER REQUIREMENTS-

CBR VALUE ON SUB-GRADE	SUB-BASE (DOT TYPE 1 MATERIAL)	CAPPING (APPROVED CLASS GF1/GF2 CAPPING MATERIAL)
> 30%	Not Required	Not Required
15% - 30%	150mm MIN	Not Required
5% - 15%	225mm MIN	Not Required
2.5-5% either or --	350mm MIN 150mm MIN	Not Required 350mm MIN
< 2.5%	150mm MIN	600mm MIN

NOTE- THE CBR VALUE ON COMPACTED CAPPING MATERIAL SHALL BE AT LEAST 15%.

REV	DATE	DESCRIPTION	BY	CHK
C	Sep' 05	BRITISH STANDARD REFERENCE ADDED TO DETAIL G. WEED KILLER REFERENCE ADDED TO NOTE 4. SECTION K -K BEDDING COURSE AND SUB BASE THICKNESS INCREASED. 1200mm MIN REFERENCE REMOVED FROM TYPICAL PLAN ON PEDESTRIAN CROSSING TO SITE ACCESS / EGRESS. DETAIL FOR CLARITY. CONCRETE BED AND HAUNCH AMENDED ON TYPICAL SECTION THROUGH PEDESTRIAN CROSSING POINT. HIGHWAY BOUNDARY MARKER DETAIL ADDED. CROSS REFERENCE NOTES TO 'ROADS IN HERTFORDSHIRE - A GUIDE FOR NEW DEVELOPMENTS' ADDED. ALL AMENDMENTS IN ACCORDANCE WITH HERTFORDSHIRE HIGHWAYS CATEGORY B DESIGN CHECKS DATED 24/08/2005.		AJV
D	Dec' 05	PLAN ON PEDESTRIAN CROSSING TO REPLACEMENT PUBLIC PARKING DETAIL ADDED TO SUIT REVISED SITE LAYOUT TAKEN FROM ARCHITECTS PLANNING SITE PLAN Ref SW1062-109 Rev G RECEIVED VIA EMAIL 05.12.05. SUB BASE BELOW KERB BED AND HAUNCH EXTENDED BY 300mm ON SECTIONS K-K IN ACCORDANCE WITH HERTFORDSHIRE HIGHWAYS CATEGORY B DESIGN CHECKS DATED 03/11/2005. CLIENT NAME AMENDED.		AJV

SUBJECT TO TECHNICAL APPROVAL

This drawing is the property and copyright of the Consulting Engineer and shall not without written consent be communicated to a third party.

CLIENT
McCANN HOMES Ltd (EASTERN REGION)

SITE
LEMSFORD LANE
WELWYN GARDEN CITY

Adoptable Carriageway Construction Details, Sheet 2 of 2

SDP CONSULTING ENGINEERS

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Email: mail@sdpc.co.uk

Southern Office, 21a Burgess, Christchurch, Dorset, BH23 1QD.
Tel: 01202 496600, Fax: 01202 496661
Email: sdpsouth@sdpc.co.uk

SCALE	DRAWN	DATE
SEE DWG @ A1	AVJ	April 2005
	CHECKED	PB 14.04.05
DRAWING NO.		REV.
E04-067-108		D